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**Listings of claims:**

1. (Cancelled)

2. (Currently Amended) ~~The method of Claim 1 further including:~~ A method for initializing a customer premises telecommunications hub having a link to a central office comprising:

a) upon power up of the hub, sending a DHCP request to a central office DHCP server,

b) sending a configuration file name, a domain name of a configuration file server and an IP address of a domain name server from the central office DHCP server to the hub,

c) sending a request for an IP address of a configuration file server from the hub to the domain name server,

d) sending the IP address of a configuration file server from the domain name server to the hub,

e) sending a request for the configuration file from the hub to the configuration file server,

f) sending the configuration file, including a control software file name, from the configuration file server to the hub.

g) parsing the configuration file in the hub;

h) sending a request for the ~~binary code~~ control software from the hub to the configuration file server,

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- i) sending the ~~binary code~~ control software from the configuration file server to the hub, and
- ii) storing the ~~binary code~~ control software in memory in the hub.

3. (Original) The method according to Claim 2, further including:  
restarting the CPU in the hub.

4. (Currently Amended) The method according to Claim 3 further including  
sending a request for the configuration file from the hub to the configuration file server,  
sending the configuration file, including a control software ~~binary code~~ file name, from the configuration file server to the hub, and  
parsing the configuration file in the hub.

5. (Currently Amended) The method of Claim 4 further including;  
in step b), sending a domain name which refers to a plurality of configuration file servers  
and IP addresses of a plurality of domain name servers.

6. (Original) The method of Claim 5 further including;  
in step c), if the request of a first domain name server fails, resending the request to the  
first domain name server for a preselected number of retry attempts, and, if all such retry  
attempts fail, sending the request to a second of said plurality of domain name servers.

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7. (Original) The method of Claim 5, further including:  
in step c), sending a request for the IP addresses of the plurality of configuration file servers.
8. (Original) The method of Claim 7, further including:  
in step e), if the request to a first configuration file server fails, resending the request to the first configuration file server for a preselected number of retry attempts, and, if all such retry attempts fail, sending the request to a second of said plurality of configuration file servers.
9. (Currently Amended) A method for providing configuration files and ~~binary~~ code-control software to a customer premises telecommunications hub having a link to a central office comprising:
- a) upon power up of the hub, sending a DHCP request to a central office DHCP server;
  - b) sending a configuration file name, a domain name of a configuration file server and an IP address of a domain name server from the central office DHCP server to the hub;
  - c) sending a request for an IP address of a configuration file server from the hub to the domain name server,
  - d) sending the IP address of a configuration file server from the domain name server to the hub,
  - e) sending a request for the configuration file from the hub to the configuration file server,
  - f) sending the configuration file, including a control software ~~binary-code~~ file name, from the configuration file server to the hub,

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- g) parsing the configuration file in the hub;
- h) sending a request for the control software ~~binary code~~ from the hub to the configuration file server,
- i) sending the control software ~~binary code~~ from the configuration file server to the hub, and
- j) storing the control software ~~binary code~~ in memory in the hub.

10. (Currently Amended) A method according to Claim 9, further including:
- restarting the CPU in the hub,
  - sending a request for the configuration file from the hub to the configuration file server,
  - sending the configuration file, including a control software ~~binary code~~ file name, from the configuration file server to the hub, and
  - parsing the configuration file in the hub.

11. (Original) The method of Claim 9 further including:
- in step b), sending a domain name referring to a plurality of configuration file servers and IP addresses of a plurality of domain name servers.

12. (Original) The method of Claim 11 further including:
- in step c), if the request to a first domain name server fails, resending the request to the first domain name server for a preselected number of retry attempts, and, if all such retry attempts fail, sending the request to a second of said plurality of domain name servers.

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13. (Original) The method of Claim 11, further including:  
in step c), sending a request for the IP addresses of the plurality of configuration file servers.

14. (Original) The method of Claim 13, further including:  
in step e), if the request to a first configuration file server fails, resending the request to the first configuration file server for a preselected number of retry attempts, and, if all such retry attempts fail, sending the request to a second of said plurality of configuration file servers.

15. (Cancelled)

16. (Currently Amended) ~~The system of Claim 15 further including;~~ A system for initializing a customer premises telecommunications hub having a link to a central office comprising:

a DHCP server in the central office,

a configuration and control software server accessible over the Internet,

means in the hub for detecting system power up and sending to the DHCP server in the central office a DHCP request for a configuration file name, a domain name of the configuration and control software server and an Internet address for a domain name server,

means in the hub for requesting the configuration file from the configuration and control software server,

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means for reading a control software binary-code file name from the configuration file, comparing it to the name of a control software binary-code file in the processor memory, and, if the names are different, for requesting a control software binary file from the configuration and control software binary file server.

17. (Cancelled)

18. (Currently Amended) ~~The hub of Claim 17 further including;~~ A customer premises telecommunications hub comprising:

means for detecting system power up and sending to a server in a central office a DHCP request for a configuration file name, a domain name for a configuration and control software server and an Internet address for a domain name server, and

means for requesting the configuration file from the configuration and control software server,

means for reading a control software binary-code file name from the configuration file, comparing it to the name of a control software binary-code file in the hub and, if the names are different, for requesting a control software binary file from the configuration and control software binary file server.

19. (Currently Amended) The hub of Claim 18 further including;

means for storing a control software binary file in the hub and for resetting the hub.